

Experiment Number: 20614 - 02
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/HSD

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA
Perfluorooctanoic Acid
CAS Number: 335-67-1

Date Report Requested: 07/05/2018
Time Report Requested: 17:10:09
First Dose M/F: 07/27/09 / NA
Lab: BAT

Custom Rpt (Litter-Based) -- 0-80, 300-80

NTP Study Number:	C20614B		
Lock Date:	01/10/2012		
Cage Range:	ALL		
Date Range:	ALL		
Reasons For Removal:	25021 TSAC	25020 NATD	25019 MSAC
Removal Date Range:	ALL		
Treatment Groups:	Include 007 0/80 ppm	Include 008 300/80 ppm	
Study Gender:	Male		
TDMSE Version:	2.5.0.0_sfh		
PWG Approval Date:	NONE		

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MALE RATS

FIRST TERMINAL SACRIFICE AT 743 DAYS

INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 0/80 ppm

TOTAL 50 [25] UNCENSORED DEATHS 13 CENSORED DEATHS 0 TERMINAL 37

UNCENSORED DEATH DAYS

108 161 194 414 432 456 473 478 478 609 701 720 726

CENSORED DEATH DAYS

None

DOSE = 300/80 ppm

TOTAL 50 [26] UNCENSORED DEATHS 11 CENSORED DEATHS 0 TERMINAL 39

UNCENSORED DEATH DAYS

134 298 505 527 550 617 629 670 689 715 739

CENSORED DEATH DAYS

None

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KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)										
DOSE	TIME (DAYS)									
	90	180	270	365	425	485	545	605	665	743(A)
0/80 ppm	100.0	96.0	94.0	94.0	92.0	82.0	82.0	82.0	80.0	74.0
300/80 ppm	100.0	98.0	98.0	96.0	96.0	96.0	92.0	90.0	86.0	78.0

(A) FIRST TERMINAL SACRIFICE

(B) THE FIRST ENTRY IS THE TREND TEST RESULT. SUBSEQUENT ENTRIES ARE THE RESULTS OF PAIRWISE TESTS. NEGATIVE TRENDS ARE INDICATED BY "N". TREND AND PAIRWISE TESTS USE A PROPORTIONAL HAZARDS MODEL WITH DAMID AS A RANDOM EFFECT.

(C) MEAN OF LITTER MEANS OF ALL UNCENSORED DEATHS PRIOR TO TERMINAL SACRIFICE

(D) MEAN OF LITTER MEANS OF ALL DEATHS (UNCENSORED, CENSORED, TERMINAL SACRIFICE)

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FIRST TERMINAL SACRIFICE AT 743 DAYS

SURVIVAL SUMMARY STATISTICS		
DOSE	0/80 ppm	300/80 ppm
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	74.0%	78.0%
SIGNIFICANCE (B) (LIFE TABLE)	P=0.610N	P=0.610N
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	423.7 (58.4)	544.6 (59.9)
MEAN LIFE SPAN (D) (STANDARD ERROR)	668.8 (20.8)	699.9 (16.5)

*** END OF REPORT ***

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